Claims

[c1]   What is claimed is:

1. A method for accessing data on an optical disc with an optical disc drive, wherein the optical disc comprises at least one session, the session comprising a lead-in area and a program data area, the method comprising:

providing the optical disc drive with an optical pickup for accessing the data on the optical disc;

using the optical pickup to record a table of contents in the lead-in area of the session of the optical disc;

using the optical pickup to record descriptive data corresponding to the table of contents in the lead-in area of the session; and

using the optical pickup to record program data corresponding to the table of contents in the program data area of the session.

[c2]   2. The method of claim 1 wherein the descriptive data comprises a content data for describing the program data on the program data area.

[c3]   3. The method of claim 2 wherein the descriptive data further comprises a length data for marking a length of the content data.

[c4]   4. The method of claim 2 wherein the descriptive data further comprises an ending data recorded at the end of the descriptive data for marking an ending position of the descriptive data.

[c5]   5. The method of claim 2 wherein the descriptive data further comprises a category data for marking a category of the content data.

[c6]   6. The method of claim 5 wherein the category data is recorded at the beginning of the description data.

[c7]   7. The method of claim 1 wherein a plurality of sessions of the optical disc are arranged in order.

[c8]   8. The method of claim 1 wherein the optical disc is a CD-ROM, a VCD, or a DVD.

[c9] 9.The method of claim 1 wherein the optical disc drive is a CD-ROM drive, a VCD drive, or a DVD drive.

[c10] 10.The method of claim 1 wherein the session further comprises a lead-out area.

[c11] 11.The method of claim 1 further comprising:

using the optical pickup to read the table of contents and the descriptive data on the lead-in area of the session;

providing the optical disc drive with a monitor;

using the optical pickup to read the program data on the program data area of the session according to the table of contents on the lead-in area of the session; and

using the optical drive to execute the program data and display the descriptive data on the monitor at the same time.